

DIGITAL SCALE FOR LINEAR OR ROTARY STAGE

Abstract

A measurement system including a stage having a first piece and a second piece that are movable with respect to one another. A digital scale is integrated in the first piece and a detector is integrated in the second piece at a position suitable to detect movement with respect to the digital scale. The detector creates a signal based upon relative movement between the digital scale and the detector. A display integrated in the second piece receives the signal from the detector and displays a reading of the relative movement thus measured.